

Fw: San Jacinto Cap Chemical Monitoring Plan  
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to:  
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Charles Stone, Linda Broach, Vickie Reat, Ed Barth  
09/02/2011 04:02 PM  
Cc:  
Stephen Tzhone, Valmichael Leos  
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Any thoughts on the proposed sampling method outlined below?

Thanks,

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Subject: San Jacinto Cap Chemical Monitoring Plan

Valmichael, Gary and others - Because it has been difficult for us to arrange a conference call with everyone on this topic, I would like to get a dialogue going by email on the chemical monitoring plan for the TCRA armored cap at San Jacinto. At this point, I have contacted Dr. Danny Reible at the University of Texas and he is interested in participating in a study using semi-permeable membrane devices (SPMD) in a cap monitoring program. Dr. Reible would work with us to develop and implement the program.

We recommend using a Solid Phase Microextraction (SPME) passive sampling program, as opposed to a biological monitoring program because there are too many variables and potential confounding environmental factors that are outside of our control with a biological or tissue-based study. The SPME data would provide a more direct measurement of the effectiveness of the cap and Dr. Reible has successfully used these devices at several other CERCLA sites under the supervision of EPA.

In order to start the development of a sampling plan for this program, we need to know the following from EPA:

- Is the use of passive SPME acceptable to EPA for the cap monitoring program?
- Will this program be conducted as part of the TCRA AOC or RI/FS UAO?
- Who will be the lead contact from EPA for development and approval of the TCRA chemical monitoring program?

Please let me know your thoughts on this as soon as is practical. If required, we can arrange a conference call for everyone to discuss this topic next week. If you would like for me to arrange such a call, please let me know when those that need to be involved in the call from EPA are available.

Thanks,  
David

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